

**70969-73161**

## Leader

SEQ ID NO:	45	L2
	46	B
	47	D
	48	E
	49	L1
	50	F
	51	C
	52	A
	53	H
	54	L3
	55	MU
	56	PN

[illegible]

VD 1

VD 2

SEQ ID NO:	57	L2
58	B	
59	D	
60	E	
61	L1	
62	F	
63	C	
64	A	
65	H	
66	L3	
67	MU	
68	PN	

CTA ---	REN	PAY	GRH	MDA	EMF	TNA	AYM	ALIN	WDR	FDV	FCT	LGAT	SGYL	KGN	SAS	FNL	VGL	FGS	DNEN	HAT	VS	DSKL	VPN	MSL	DQS
L ---													S					N	QTK	NGTF					
																			OK	K-AES				F	
L ---													S						QS	K-TNS					
																			QS	KKDA-				F	
LVE---	T		K					C	T										GV -	KPAADSI			VQ	N	
NV ---	P		K									T							TKTQSS	FNTA	I		TA		
NV ---	P		K									T							TKTQSS	GFD	TANI		TA	N A	
NV ---	P		K									T							TKTKSS	D	FNTA		IA	NRA	
NV ---	P		K									T							TKTQST	N	FNTA		TA	N A	
-AS---			K																RD	TAA	AD	---	I	V S A	
Y TAVD P			NK	LH	W			GIF				SN	IR		TA				VKGTTV	NANE	---	L	V	SNG	

[illegible]

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Fig. 1A

# JOURNAL

[illegible]

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SEQ ID NO:	81	L2	DTIRIAQPKSATTFVDVTINPTIAG-AGDVK-ASA-EGQLGDTMQIVSLQLNKMKSRKSCGIAVGTITVDADKYAVTVETRLIDERAAHVNAOFRF
			VD 4

81	L2	DTIRIAQPKS	ATTTFDVTTLNPTIAG-AGDVK-ASA-EGQLGDTMQIVSLQNMKSKSCGIAVGTTIVDADKYAVTVETRLIDERAAHVNAQFR
82	B	E I	- T -
83	D	AI T	- TGT -
84	E	AI T	- - -
85	L1	AI T	- E - N -
86	F	RLV P V I	- C S AGNT - IS
87	C	L EAIL	R T KGSV S - GT-DNE A
88	A	L KP L T	- K T V-S - NE A
89	H	L EAIL	- K S V- GSDND A
90	L3	L EA L	- K S V- GS NE A
91	MU	LE SILKM W	S - S ----IDV-DTKIT L
92	PN	LP A LNL AW	SLL -NATAL-STT-DS-FS F

SEQ ID NO:

VD 4

I

+

+

WSL A A N SG

A

L I

C I F A VT A L

Fig. 1B

CPN90-105	<u>C. pneumoniae</u>	C	T	G	S	A	A	-	A	N	Y	T	T	A	V	D	-	R	P	N	93
CTP89-105	<u>C. trachomatis</u> (mouse)	C	T	G	D	A	D	L	T	T	A	P	T	P	A	S	-	R	E	N	94
CTL91-106	<u>C. trachomatis</u> (L2)	C	T	T	A	T	G	N	A	A	P	S	T	C	T	A	R	E	N	95	
CPS92-106	<u>C. psittaci</u>	C	A	S	G	T	A	-	S	N	T	T	V	A	A	D	-	R	S	N	96

Fig. 2

									SEQ ID NO.											
CPN158-171	<u>C. pneumoniae</u>	C	F	G	V	K	G	T	T	V	N	A	N	E	-	-	L	P	97	
CTP158-171	<u>C.. trachomatis</u> (mouse)	C	F	G	R	D	E	T	A	V	A	A	D	D	-	-	I	P	98	
CTL159-175	<u>C. trachomatis</u> (L2)	C	F	G	D	N	E	N	H	A	T	V	S	D	S	K	L	V	P	99
CPS160-172	<u>C. psitacci</u>	C	I	G	L	A	G	T	D	F	-	A	N	Q	-	-	-	R	P	100

Fig. 3

	SEQ
	<u>ID NO.</u>
CPN342-354 C. pneumoniae	C Q I N K F K S R K A C G 101
CTP342-354 C. trachomatis (mouse)	C Q I N K M K S R F A C G 102
CTL342-354 C. trachomatis (L2)	C Q L N K M K S R K A C G 103
CPS342-354 C. psittaci	C Q I N K F K S R F A C G 104

**Fig. 4**